

DATE: February 6, 2006

FILE: 35-21-1

TO: Region Engineers
Region Delivery Engineers
Region Development Engineers
TSC Development Engineers
TSC Managers
Resident/Project Engineers
Region Construction Engineers
Region Traffic and Safety Engineers
TSC Traffic and Safety Engineers
Region Maintenance Engineers

FROM: Larry E. Tibbits
Chief Operations Officer

John C. Friend
Engineer of Delivery

SUBJECT: Bureau of Highway Instructional Memorandum 2006-01
New Work Zone Signing

In response to the department's revised *Guidelines to Establish Speed Limits in Work Zones* (Bureau of Highway Instructional Memorandum 2005-16) and the 2005 Michigan Manual on Uniform Traffic Control Devices (MMUTCD), three new work zone signs will appear in maintaining traffic plans on state trunklines in 2006. These signs are as follows:

WHERE WORKERS PRESENT 45 (R2-1a) sign – This regulatory sign is for use on roadways where the existing speed limit is 50 mph or higher and workers are present with channelizing devices. Include this sign only when called for in the Maintaining Traffic Plan.

REDUCED SPEED ZONE AHEAD (W3-5a) sign – A new section was added in the 2005 MMUTCD on the use of warning (black/yellow) signs instead of the regulatory (black/white) Reduced Speed Ahead signs. This new warning sign replaces the R2-5b sign because the intended message is more properly categorized as a warning message rather than a regulatory message.

In order to implement the change with minimal impact, all existing R2-5b signs may be used up to December 31, 2007. New signs manufactured after January 1, 2006, shall incorporate

the new design. On January 1, 2008, the new warning sign shall be used on all state trunklines.

Lane Ends (W4-2) symbol sign – A new design of W4-2 sign was added in the 2005 MMUTCD. The Lane Ends (W4-2) symbol sign has been revised with the addition of a dashed line to improve comprehension by road users.

In order to implement the change with minimal impact, all existing W4-2 symbol signs (without the dashed line) may be used up to December 31, 2007. New signs manufactured after January 1, 2006, shall incorporate the new design. On January 1, 2008, the new symbol sign shall be used on all state trunklines.

Layouts for each sign are attached for your reference.

Please share this information with others in your area who are involved in the development of maintaining traffic plans and their implementation on our roadways.

Chief Operations Officer

Engineer of Delivery

BOH-DEL:T&S:MWB:nw

Subject Index: Traffic Control

Attachment(s)

cc: C & T Support Area Staff

M. DeLong

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B. O'Brien

C. Rademacher

G. Moore

T. Fudaly, FHWA

APAM

MAA

MCPA

J. Polasek

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J. Culp

S. El-Ahmad

P. Sebenick

K. Reincke

ACEC

CRAM

MCA

MITA



R2-1a

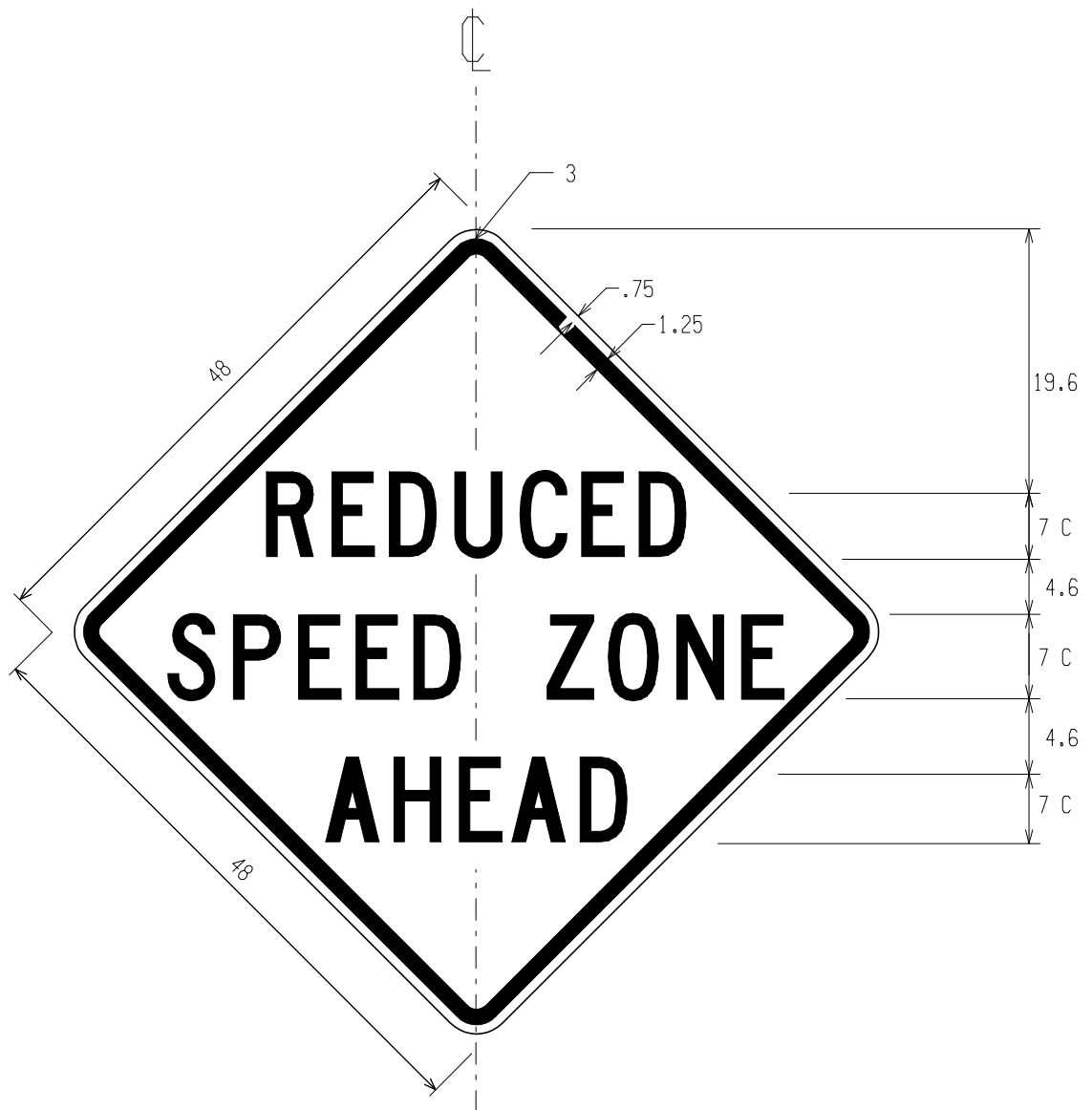
* NUMERALS & WORDS HORIZONTALLY
CENTERED ABOUT VERTICAL LINE

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - WHITE (REFL.)

MI/2006

1-5.1



CENTER WORDS HORIZONTALLY
ABOUT VERTICAL LINE

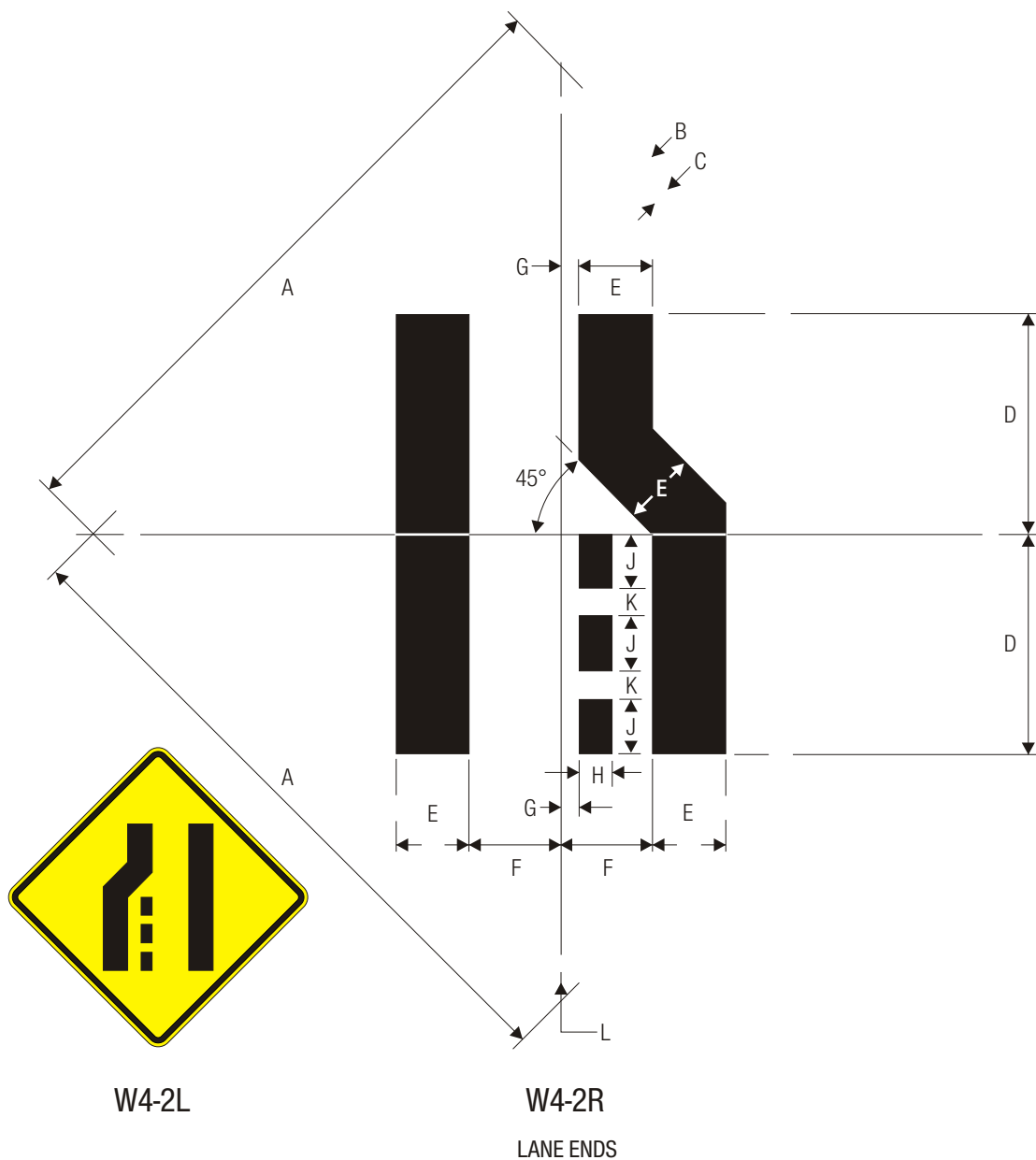
W3-5a

COLORS

LEGEND AND BORDER - BLACK (NON-REFL.)
BACKGROUND - ORANGE (REFL.)

MI/2006

2-20.3



C

A	B	C	D	E	F	G	H	J	K	L
30	.5	.75	10	3.375	4.188	.875	1.5	2.5	1.25	1.875
36	.625	.875	12	4	5	1	1.75	3	1.5	2.25
48	.75	1.25	16	5.375	6.688	1.25	2.375	4	2	3

WARNING SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)

CONSTRUCTION SIGN COLORS:

SYMBOL — BLACK
BACKGROUND — ORANGE (RETROREFLECTIVE)